

Amendments to the Claims

1-5. (Cancelled)

6. (Previously Presented) A fastening structure comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

a mounting member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the mounting member,

wherein an outer peripheral surface of the larger outer diameter portion of the bolt is provided with an engaging portion engaging with the bolthole of the flange portion,

wherein a length of the engaging portion is shorter in an axial direction of the bolt than a thickness of the flange portion, and

wherein a center portion in the axial direction of the engaging portion substantially coincides with a center portion in the axial direction of the flange portion.

7. (Previously presented) A fastening structure as claimed in claim 6, wherein a length in the axial direction of the engaging portion of the bolt does not exceed 74% of a thickness in the axial direction of the flange portion.

8. (Previously Presented) A fastening structure comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

a mounting member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the

brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the mounting member,

wherein an outer peripheral surface of the larger outer diameter portion of the bolt is provided with an engaging portion engaging with the bolthole of the flange portion,

wherein a length of the engaging portion is shorter in an axial direction of the bolt than a thickness of the flange portion, and

wherein a distance (B) between a center portion in the axial direction of the engaging portion and the seat surface of the flange portion is 43% - 57% of a thickness (A) in the axial direction of the flange portion.

9. (Previously presented) A fastening structure as claimed in claim 8, wherein a length in the axial direction of the engaging portion of the bolt does not exceed 74% of a thickness in the axial direction of the flange portion.

10. (Previously Presented) A fastening structure comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

a mounting member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the mounting member,

wherein an outer peripheral surface of the larger outer diameter portion of the bolt is provided with an engaging portion engaging with the bolthole of the flange portion,

wherein a length of the engaging portion is shorter in an axial direction of the bolt than a thickness of the flange portion, and

wherein a center portion in the axial direction of the engaging portion is positioned between the seat surface of the flange portion and a center portion in the axial direction of the flange portion.

11. (Currently Amended) A device ~~rolling bearing~~ for a wheel, said device ~~rolling bearing~~ comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion;

an inner ring member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the inner ring member;

an outer ring; and

a plurality of rolling elements disposed between the inner ring member and the outer ring, wherein an outer peripheral surface of the larger outer diameter portion of the bolt is provided with an engaging portion engaging with the bolthole of the flange portion,

wherein a length of the engaging portion is shorter in an axial direction of the bolt than a thickness of the flange portion, and

wherein a center portion in the axial direction of the engaging portion substantially coincides with a center portion in the axial direction of the flange portion.

12. (Currently Amended) A device ~~rolling bearing~~ for a wheel as claimed in claim 11, wherein a length in the axial direction of the engaging portion of the bolt does not exceed 74 % of a thickness in the axial direction of the flange portion.

13. (Currently Amended) A device ~~rolling bearing~~ for a wheel, said device ~~rolling bearing~~ comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

an inner ring member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the inner ring member;

an outer ring; and

a plurality of rolling elements disposed between the inner ring member and the outer ring, wherein an outer peripheral surface of the larger outer diameter portion of the bolt is provided with an engaging portion engaging with the bolthole of the flange portion,

wherein a length of the engaging portion is shorter in an axial direction of the bolt than a thickness of the flange portion, and

wherein a distance (B) between a center portion in the axial direction of the engaging portion and the seat surface of the flange portion is 43 % - 57 % of a thickness (A) in the axial direction of the flange portion.

14. (Currently Amended) A device ~~rolling bearing~~ for a wheel as claimed in claim 13, wherein a length in the axial direction of the engaging portion of the bolt does not exceed 74 % of a thickness in the axial direction of the flange portion.

15. (Currently Amended) A device ~~rolling bearing~~ for a wheel, said device ~~rolling bearing~~ comprising:

a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

an inner ring member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the inner ring member;

an outer ring; and

a plurality of rolling elements disposed between the inner ring member and the outer ring,
wherein an outer peripheral surface of the larger outer diameter portion of the bolt is provided
with an engaging portion engaging with the bolthole of the flange portion,

wherein a length of the engaging portion is shorter in an axial direction of the bolt than a
thickness of the flange portion, and

wherein a center portion in the axial direction of the engaging portion is positioned between
the seat surface of the flange portion and a center portion in the axial direction of the flange portion.